

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	13 and (postprandial or post prandial or glycemia\$10 or diabetes\$10)	74	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and (fat or carbohydrate or protein or cal or kcal or calorie or kilocalories)	226	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	11 and fructose and (glucose polymer or corn syrup or corn syrup solid or rice syrup or glucose oligomer or maltose or maltitol or hydrolyzed starch)	249	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	424/439 or 514/60 or 514/866	2303	<u>L1</u>

d his ful

(FILE 'HOME' ENTERED AT 11:28:13 ON 19 JUN 2001)

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISALERTS, ADISINSIGHT, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODBASE, IFIPAT, ...' ENTERED AT 11:29:25 ON 19

JUN

2001

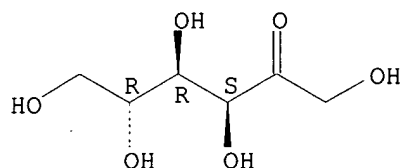
D SAV
ACT FRUGLU/L

L1 (114531)SEA GLUCOSE POLYMER OR GLUCOSE POLYMERS OR CORN SYRUP OR CORN
SYRUP SOLIDS OR RICE SYRUP OR GLUCOSE OLIGOMER OR GLUCOSE
OLIGOMERS OR MALTOSE OR MALTITOL OR PARTIAL? HYDROLYZED
STARCH
OR PARTIAL? HYDROLYZED STARCHES
L2(226274)SEA FRUCTOSE OR ARABINO 2 HEXULOSE OR METHOSE OR ARABINO-HEXULO

L3 9145248 SEA FIBER OR ARABIC OR CMC OR CARBOXYMETHYLCELLULOSE OR GUAR
OR KONJAC OR XANTH? OR ALGINATE OR GELLAN OR ACACIA OR PECTIN
OR PECTINS OR CELLULOSE OR GLUCAN OR GLUCANS OR CARRAGENAN
OR
PSYLLIUM OR SOY POLYSACCHARIDE OR BRAN OR INULIN OR FIBERSOL
OR FRUCTOOLIGO? OR OLIGO?
L4 16130 SEA XYLOOLIGO? OR GLUCOOLIGO? OR LACTOSE SUCROSE OR LACTO
SUCROSE OR LACTOSUCROSE OR POLYDEXTROSE
L5 11950 SEA L1 AND L2 AND L3
L6 1988 SEA L1 AND L2 AND L4
L7 1161 SEA L1 AND L2 AND CARRAGEENAN
L8 12437 SEA L5 OR L6 OR L7
L9 8552 SEA L8 AND (FAT OR FATS OR CARBOHYDRATES OR CARBOHYDRATE OR
PROTEIN OR PROTEIN OR CAL OR KCAL OR CALORIE OR CALORIES OR
KILOCALORIE OR KILOCALORIES)
L10 642 SEA L9 AND (DIABET? OR POSTPRANDIAL OR POST PRANDIAL OR
GLYCEM?)
L11 627 DUP REM L10 (15 DUPLICATES REMOVED)
L12 202 SEA L11 AND (FAT OR FATS) AND (CARBOHYDRATE OR CARBOHYDRATES)
AND (PROTEIN OR PROTEINS)

L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2001 ACS
 RN 30237-26-4 REGISTRY
 CN **Fructose (9CI)** (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN DL-Fructose
 OTHER NAMES:
 CN (.+-.)-Fructose
 CN arabino-2-Hexulose
 CN dl-Fructose
 CN Methose
 FS STEREOSEARCH
 DR 6035-50-3
 MF C6 H12 O6
 CI COM
 LC STN Files: AGRICOLA, AIDSLINE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CEN, CHEMINFORMRX, CIN,
 DETHERM*, DIOGENES, EMBASE, GMELIN*, IFICDB, IFIUDB, IMSDIRECTORY,
 MEDLINE, MRCK*, PDLCOM*, PIRA, PROMT, TOXLINE, TOXLIT, TULSA,
 USPATFULL,
 VTB
 (*File contains numerically searchable property data)

Relative stereochemistry.



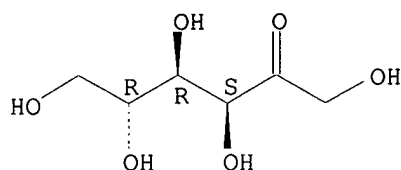
39 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 39 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> d 2

L1 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2001 ACS
 RN 57-48-7 REGISTRY
 CN D-Fructose (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Fructose, D- (8CI)
 OTHER NAMES:
 CN arabino-Hexulose
 CN D-(-)-Fructose
 CN D-(-)-Levulose
 CN **Fructose**
 CN Fruit sugar
 CN Furucton
 CN Hi-Fructo 970
 CN Krystar 300
 CN Levulose
 CN Nevulose
 CN Sugar, fruit

FS STEREOSEARCH
 DR 10597-68-9, 69-67-0, 3812-57-5, 196419-06-4
 MF C6 H12 O6
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
 DIOGENES, DRUGU, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, IMSDIRECTORY,
 IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA,
 PROMT, RTECS*, SPECINFO, TOXLINE, TOXLIT, TULSA, USAN, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



20573 REFERENCES IN FILE CA (1967 TO DATE)
 432 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 20602 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 10 OF 23 LIFESCI COPYRIGHT 2001 CSA

ACCESSION NUMBER: 81:44972 LIFESCI

TITLE: Corn Sweeteners in Ham Formulas.

AUTHOR: Hicks, C.L.; Kemp, J.D.; Holbrook, J.; Patterson, K.

CORPORATE SOURCE: Dep. Animals Sci., Univ. Kentucky, Lexington, KY 40546,
USA

SOURCE: J. FOOD SCI., (1981) vol. 46, no. 5, p. 1626.

DOCUMENT TYPE: Journal

FILE SEGMENT: R

LANGUAGE: English

SUMMARY LANGUAGE: English

ABSTRACT: Corn sweeteners were compared with sucrose in cure
formulas

for hams. Sensory evaluations found no significant
difference between sweetener type and sensory scores on
color, flavor, tenderness, and overall satisfaction.
However, ham weights appeared to be affected slightly by
sweetener type. Sucrose produced greater ham yields at a

3%

sweetener level. However, 55% high

fructose corn syrup at 3.15%

equalled the yield observed for sucrose. **Forty-**

two percent high

fructose corn syrup at greater

than 3.3% solid level approached the yields observed for
sucrose. Since sensory factors do not appear to be

affected

by corn syrup solids, only economic and yield factors need
be considered for their use in commercially produced hams.
18123 Sensory evaluation of food; 18080 Chemistry of sapid
materials

CLASSIFICATION:

UNCONTROLLED TERM: corn; sweeteners; sucrose; ham; taste panel evaluation;
comparison; effects on